

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Alan P. Lemke

Confirmation No.:

Application No.:

Examiner:

Filing Date: Herewith

Group Art Unit:

Title: DIGITAL CAMERA AND METHOD PROVIDING SELECTIVE REMOVAL AND ADDITION
OF AN IMAGED OBJECT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EO 902 084 935 US**

Date of Deposit **Dec. 2, 2003**

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

Typed Name: **J. Michael Johnson**

Respectfully submitted,

Alan P. Lemke

By

J. Michael Johnson

Attorney/Agent for Applicant(s)
Reg. No. **37,856**

Date: **Dec. 2, 2003**

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

100205072-1

APPLICATION NO.

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GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	6,563,960 B1	May 13, 2003	Chan et al.	
	1B	6,587,592 B2	May 29, 2003	Georgiev et al.	
	1C				
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Marcelo Bertalmio, Guillermo Sapiro, Vicent Caselles, and Coloma Ballester, "Image Inpainting", Computer Graphics, SIGGRAPH 2000, July 2000, pp. 417-424.
1R	Sumer Jabri, Zoran Duric, Harry Wechsler, and Azriel Rosenfeld, "Detection and Location of People in Video Images using Adaptive Fusion of Color and Edge Information", Proceedings, 15th International Conference on Pattern Recognition, Vol. 4, Sept. 2000, pp. 627-630.
1S	Guillermo Sapiro, "Image Inpainting", SIAM News, Volume 35, No. 4, May 2002.

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	2A				
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	2L					
	2M					
	2N					
	2O					
	2P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	C. Ballester, M. Bertalmio, V. Caselles, G. Sapiro, and J. Verdera, "Filling-in by joint interpolation of vector fields and gray levels", IEEE Trans. Image Process., 10 (2001), pp. 1200-1211.
	2R	Anil Kokaram, Bill Collis, and Simon Robinson, "A Bayesian Framework for Recursive Object Removal in Movie Post-Production", Proceedings, 2003 International Conference on Image Processing, Volume: 1, Sept. 2003, pp. 937-940.
	2S	

EXAMINER

DATE CONSIDERED